

**WHAT IS CLAIMED:**

1        1. A light guide plate, comprising:  
2              a first surface having a first light control pattern; and  
3              a second surface having a second light control pattern,  
4              wherein said first surface faces said second surface.

1        2. The light guide plate of claim 1, further comprising:  
2              a third surface;  
3              a fourth surface;  
4              a fifth surface; and  
5              a sixth surface.

1        3. The light guide plate of claim 2, wherein the first light control pattern is a first  
2              prism pattern.

1        4. The light guide plate of claim 3, wherein the first prism pattern comprises a  
2              plurality of first prisms aligned in a row to a first direction.

1        5. The light guide plate of claim 4, wherein the plurality of first prisms have a  
2              triangular cross-sectional shape.

1        6. The light guide plate of claim 5, wherein the triangular cross-sectional shape is an  
2              equilateral triangle.

1           7.     The light guide plate of claim 5, wherein the triangular cross-sectional shape has a  
2     vertex angle ranging between 100° and 120°.

1           8.     The light guide plate of claim 7, wherein the vertex angle is 108°.

1           9.     The light guide plate of claim 5, wherein the plurality of first prisms have a first  
2     prism surface and a second prism surface, and  
3         wherein the first prism surface and the second prism surface includes a concavo-convex  
4     pattern.

1           10.    The light guide plate of claim 9, wherein the concavo-convex pattern has a  
2     triangular prism shape.

1           11.    The light guide plate of claim 9, wherein the concavo-convex pattern has a  
2     rounded corner.

1           12.    The light guide plate of claim 2, wherein at least one of the third surface, the  
2     fourth surface, the fifth surface and the sixth surface is a light incident surface.

1           13.    The light guide plate of claim 12, wherein the second light control pattern is a  
2     second prism pattern.

1           14.    The light guide plate of claim 13, wherein the second prism pattern comprises a  
2     plurality of second prisms aligned in a row to a second direction.

1        15. The light guide plate of claim 14, wherein the second direction is parallel with the  
2 light incident surface.

1        16. The light guide plate of claim 15, wherein the first light control pattern comprises  
2 a first prism pattern with a plurality of first prisms aligned in a row to a first direction, and  
3 wherein the first direction is perpendicular to the second direction.

1        17. A liquid crystal display, comprising:  
2            a liquid crystal display panel;  
3            a backlight assembly; and  
4            a module that accommodates said liquid crystal display panel and said backlight  
5 assembly,

6        wherein said backlight assembly comprises:  
7            a light guide plate comprising;  
8            a first surface having a first light control pattern; and  
9            a second surface having a second light control pattern,  
10          wherein the first surface faces the second surface.

1        18. The liquid crystal display of claim 17, wherein the first light control pattern is a  
2 first prism pattern comprising a plurality of first prisms aligned in a row to a first direction,  
3 wherein the second light control pattern is a second prism pattern comprising a plurality  
4 of second prisms aligned in a row to a second direction, and  
5 wherein the first direction is perpendicular to the second direction.

1           19. The liquid crystal display of claim 18, wherein the plurality of first prisms have a  
2         triangular cross-sectional shape, and  
3                 wherein the triangular cross-sectional shape has a vertex angle ranging between  
4         100° and 120°.

1           20. The liquid crystal display of claim 18, wherein the plurality of first prisms has a  
2         first prism surface and a second prism surface that include a concavo-convex pattern.